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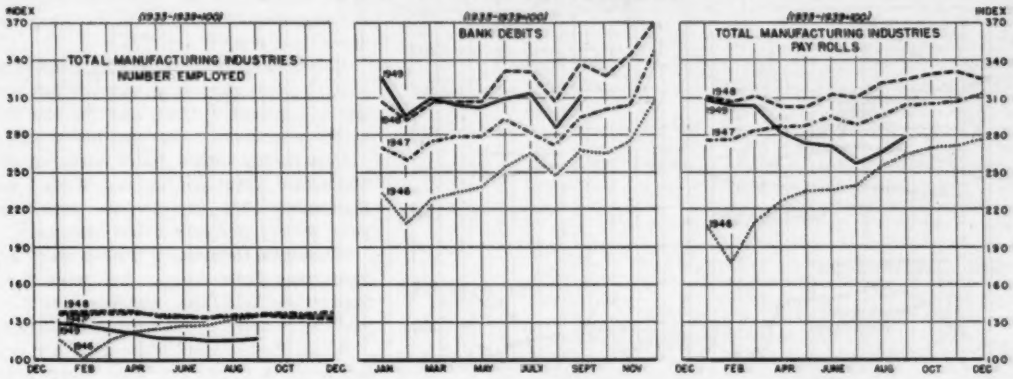
INDEXES OF OHIO BUSINESS



The Trend of Business

IN THE UNITED STATES

Business Activity for the 4 weeks ending October 15 was down 9 per cent from the previous 4 weeks, 13 per cent from the corresponding period of 1948, and 4 per cent for the first 3 quarters of the year as compared with the same period last year, according to the New York *Times* Business Activity Index.

Freight Car Loadings for the same 4-week period dropped 12 per cent from the preceding 4 weeks, 32 per cent from September 1948, and for the first 9 months of the year were 15 per cent below the same period last year.

Bank Debits outside New York City were up 10 per cent in September from August but were 5 per cent below September 1948, and for the first 9 months of the year were 1 per cent below the same period last year.

Agricultural Income from cash from marketings was up 8 per cent in September from August but was 13 per cent below September 1948, and for the first 9 months of the year was 10 per cent below last year.

Industrial Production, according to the Federal Reserve Board Index, was up 2 per cent in September from August but was 10 per cent below September 1948, and for the first 9 months of the year was 8 per cent below last year.

Electric Power Production dropped 4 per cent in September from August but was 1 per cent above September 1948, and for the first 3 quarters of the year was 4 per cent above last year.

Bituminous Coal Production dropped 48 per cent in September from August, 63 per cent from September 1948, and for the first 9 months of the year was 23 per cent below last year.

Steel Production was up 2 per cent in September from August but was 11 per cent below September 1948. For the first 9 months of the year, however, steel production was fractionally above the same period last year. The steel industry operated at 84 per cent of capacity in September as compared with 82 per cent in August.

Construction Activity as measured by the value of con-

(Continued on Page 2)

IN OHIO

Bank Debits in 16 Ohio cities were up 9 per cent in September from August but were 8 per cent below September 1948, and for the first 9 months of the year were 2 per cent below last year.

Life Insurance Sales dropped 8 per cent in September from August, 6 per cent from September 1948, and for the first 9 months of the year were down 2 per cent from last year.

Agricultural Income dropped 1 per cent in September from August, 18 per cent from September 1948, and 16 per cent for the first 9 months of the year as compared with last year.

Electric Power Production was up 5 per cent in September from August but was 4 per cent below September 1948. For the first 9 months of the year, however, electric power production was 3 per cent above the same period last year.

Bituminous Coal Production was down 33 per cent in September from August, 51 per cent from September 1948, and 22 per cent for the first 9 months of the year as compared with last year.

Construction Activity, as measured by the value of contracts awarded, was up 3 per cent in September from August, and was 17 per cent above September 1948, but for the first 9 months of the year was 3 per cent below the same period last year. A substantial increase in residential building accounted for the September increase from August, and from September of last year.

Retail Sales of independent dealers were up 3 per cent in September from August but were 5 per cent down from September 1948, and for the first 9 months of the year were 3 per cent below the same period last year.

Dyers' and Cleaners' Sales were up 25 per cent in September from August, and 3 per cent from September 1948, but for the first 9 months of the year were 1 per cent below last year.

New Truck Registrations in 41 Ohio counties were up 2 per cent in September from August but were 11 per cent below September 1948.

Entered as second class matter March 3, 1926, at the Post Office at Columbus, Ohio, under the Act of August 24, 1912.
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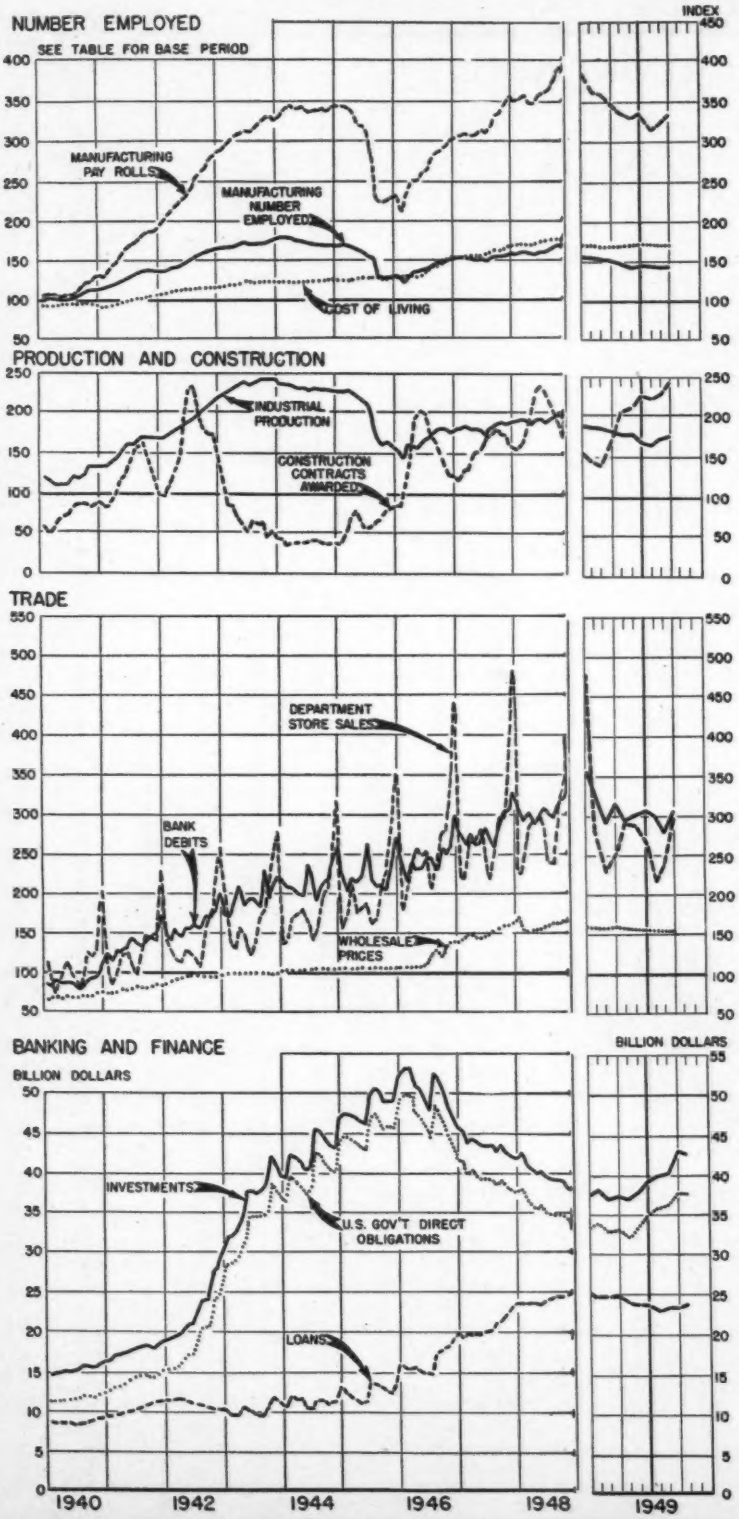
Business in the United States



IN THE UNITED STATES

(Continued from Page 1)

tracts awarded was up 21 per cent in September from August, 43 per cent from September 1948, and for the first 9 months of the year was 1 per cent above last year.

Retail Sales of independent dealers were up 9 per cent in September from August but were 2 per cent below September 1948, and for the first 3 quarters of the year were 2 per cent below last year.

Department Store Sales were up 25 per cent in September from August but were 7 per cent below September 1948, and for the first 9 months of the year were 5 per cent below last year.

Wholesale Commodity Prices were up 1 per cent in September from August but were 9 per cent below September 1948, and for the first 9 months of the year were down 6 per cent from last year.

Retail Food Prices were up 1 per cent in September from August, but were down 5 per cent from September 1948, and 4 per cent for the first 9 months of the year as compared with last year.

Department Store Prices dropped fractionally in September from August, were 3 per cent below September 1948, and for the first 9 months of the year were 1 per cent below last year.

Cost of Living was up fractionally in September from August but was down 3 per cent from September 1948, and for the first 9 months of the year was down 1 per cent from last year.

FOOTNOTES FOR BULLETIN TABLES

†Change in number of failures; [a]Figures in parentheses show number of firms reporting this month; [b]Data not available; [c]Only percentage change available; [d]Adjusted for seasonal changes; [e]Bureau of Business Research estimate; [f]Adjusted for number of working days; [g]Data cover county area; [h]Includes additions, alterations and repairs along with residential and non-residential; [p]Preliminary; [r]Revised; [w]Weighted; [x]Less than 0.5%; [y]More than 1,000% increase.

Primary Sources:

Computed from original data collected by the Bureau of Business Research from: [1]Local Power and Light Co's.; [2]County Clerk of Courts; [3]Ohio Cleaners and Dyers.

Computed by the Bureau of Business Research from data collected in cooperation with: [4]Bureau of the Census, U. S. Dept. of Commerce.

Computed by the Bureau of Business Research from special tabulations supplied by: [5]Bureau of Labor Statistics, U. S. Dept. of Labor; [6]Federal Power Commission; [7]Life Insurance Sales Research Bureau; and from data of: [8]Board of Governors of the Federal Reserve System; [9]F. W. Dodge Corporation.

Other Data Sources: [10]New York *Times;* [11]Association of American Railroads; [12]Dun & Bradstreet, Inc.; [13]American Iron & Steel Institute; [14]*Steel Magazine;* [15]Federal Reserve Board; [16]U. S. Dept. of Agriculture; [17]*Commercial & Financial Chronicle;* [18]U. S. Bureau of Labor Statistics; [19]Wards Reports; [20]Federal Power Commission; [21]Bituminous Coal Division, U. S. Dept. of Interior; [22]U. S. Steel Corporation; [23]F. W. Dodge Corporation; [24]*Chain Store Age;* [25]U. S. Dept. of Commerce; [26]Fairchild Publications; [27]Standard and Poor's Corp.; [28]Dept. of Rural Economics, O. S. U.; [29]National Industrial Conference Board; [30]R. L. Polk & Co.; [31]Ohio Bureau of Unemployment Compensation.

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← U. S. Reference Data

ITEM — Unit or Index Base Period	Sept. 1949	Aug. 1949	Change from Last Month: Sept. 1949 from Aug. 1949	Change from Last Year: Sept. 1949 from Sept. 1948	Change from Last Year: 9 mos. 1949 from 1948
General Business					
Totals, or Average Indexes for 4 Weeks Ended on Indicated Dates			%	%	%
Bus. Activity[10] 10/15/49 *Comp. Norm.*	129	141	— 9	— 13	— 4
Fght. Car Loadings[11] 10/15/49 *Thous.*	2,478	2,818	— 12	— 32	— 15
Com. Failures[12] 10/15/49 ....*Number*	704	683	+ 3	+ 70	+ 79
Calendar Months					
• Bank Dbts. (Excl. N.Y.C.)[a,f] *1935–39*	305	278	+ 10	— 5	— 1
Seasonally Adjusted, at Ann. Rates:					
Tot. Pers. Income Pay.[25,d] *Bil. Dol*	211	211	— x	— 3	+ 1
Salaries and Wages Inc.[25,d] "	135	134	+ x	— 2	+ 3
Non-Agricultural Inc.[25,d] "	193	192	+ 1	— x	+ 2
Agr. Inc. (Cash f. Mktgs.)[26] *1935–39*	392	363	+ 8	— 13	— 10
Life Ins. Sales[7] ..... "	185	196	— 5	+ 1	— 1
Steel Ind. Oper. Rate[13] ..% Capacity	84	82	+ 2	— 13	— 2
Securities Issued[17].—New..*Mil. Dol.*	519	309	+ 68	— 10	— 7
Securities Issued[17].—Refunding "	188	308	— 39	+111	+ 16
Employment and Pay Rolls[18]					
• No. Employed—Mfg. *1939*	144	141	+ 2	— 10	— 8
• Pay Rolls—Manufacturing .... "	335	323	+ 4	— 9	— 6
Production					
• Industrial Prod.[15] *1935–39*	177	173	+ 2	— 10	— 8
Elec. Power Prod.[20]..*Mil. of K.W.H.*	23,922	25,021	— 4	+ 1	+ 4
Bitum. Coal Prod.[21].....*Thous. Tons*	19,380	37,153	— 48	— 63	— 23
Steel Prod.[13] *Av. Weekly Tons Thous.*	1,540	1,516	+ 2	— 11	+ x
Pig Iron Prod.[14].....*Thous. Tons*	4,351	4,477	— 3	— 16	+ 3
Mach. Tool Shipments[14].....*1945–47*	68	67	+ x	— 20	— 12
Construction (Value of Contracts Awarded—37 Eastern States)					
• Total (Index)[18] 3 Mo.Mov.Av. *1923–25*	248	238	+ 4	+ 27	+ 1
Total[23] .....*Thous. of Dol.*	1,093,724	905,748	+ 21	+ 43	+ 1
Residential[23] ..... " "	525,572	393,434	+ 34	+ 88	+ 3
Nonresidential[23] ..... " "	345,023	278,031	+ 24	+ 23	— 4
Public Works & Util.[23]. " "	223,129	234,283	— 5	+ 10	+ 6
Distribution					
Retail Sales[25] .....%	e	e	+ 9	— 2	— 2
• Dept. Store Sales[15].....*1935–39*	298	238	+ 25	— 7	— 5
Prices					
• Wholesale Commod. Prices[18]....*1926*	154	153	+ 1	— 9	— 6
• Cost of Living[5].....*1935–39*	170	169	+ x	— 3	— 1
Retail Food Prices[18]..... "	204	203	+ 1	— 5	— 4
Dept. Store Prices[26]..... "	137	138	— x	— 3	— 1

Banking and Finance

ITEM — Unit	Oct. 19 1949	Oct. 20 1948	Oct. 22 1947	Change from Last Month Amt.	Change from Last Year Pr.Ct.
Federal Reserve Banks[15]				$	%
U.S. Gov. Securities...*Mil. Dol.*	17,666	23,192	21,772	+ 512	— 24
Member Bank Borrowings "	123	290	125	— 24	— 58
Member Banks—101 Cities[15]					
• Total Loans ..... "	23,791	24,539	22,148	+ 264	— 3
Bus. & Agr. Loans and Open Market Paper "	13,647	15,374	13,595	+ 358	— 11
Brok. & Other Secur. Ins. ..... "	1,818	1,309	1,814	— 198	+ 39
Real Estate Loans... "	4,244	4,002	3,295	+ 33	+ 6
Other Loans ..... "	4,211	3,877	3,290	+ 78	+ 9
• Total Investments .... "	42,648	37,757	42,881	— 288	+ 13
• U.S. Gov. Obligations.. "	37,625	33,416	38,632	— 249	+ 13
Demand Deposits ..... "	46,738	46,998	47,467	+ 302	— 1
Time Deposits ..... "	15,289	14,909	14,535	+ 11	+ 3
Money[15]					
Money in Circulation.. "	27,427	28,157	28,569	+ 62	— 3
Monetary Gold Stock.. "	24,585	23,983	22,225	— 106	+ 3
Security Markets[27]					
Stock Prices—365 Ind. *In'x'35-39*	134	136	134	+ 5	— 1
" " — 20 Rails " "	97	121	107	+ 3	— 20
" " — 31 Util. " "	101	98	102	+ 2	+ 4
BondYld–Corp.Al+ (high gr.) %	2.587	2.836	2.687	+ .007	— 9

• Indicates Series Charted (page 2). For Sources and Footnotes, see page 2.

Reference Data—Ohio →

ITEM	Unit or Index Base Period	Sept. 1949	Aug. 1949	Change from Last Month: Sept. 1949 from Aug. 1949	Change from Last Year: Sept. 1949 from Sept. 1948	Change from Last Year: 9 mos. 1949 from 1948
General Business						
				%	%	%
• Bank Debits[6,7] (16 cities)	1935–39	311	285	+ 9	— 8	— 2
Commercial Failures[13]	Number	41	38	+ 8	+215	+152
Commercial Liabilities[13]	Thous. Dol.	1,890	988	+ 91	+ 19	+ 94
Life Ins. Sales[7]	1935–39	177	192	— 8	— 6	— 2
Agr. Income[20]—Total	1924–33	246	249	— 1	— 18	— 16
Meat Animals	"	333	282	+ 18	— 20	— 14
Dairy Products	"	236	236	0	— 24	— 25
Grains	"	162	301	— 46	— 9	— 15
Poultry and Eggs	"	194	180	+ 8	— 12	— 8
• Electric Power Produc.[6,7]	1935–39	244	232	+ 5	— 4	+ 3
Bit. Coal Prod.[21] 4 wks.	Thous. Tons	1,444	2,147	— 33	— 51	— 22
Construction (Value of Contracts Awarded)[9,7]						
• Total (Index)	1935–39	388	375	+ 3	+ 17	— 3
Residential	"	614	331	+ 86	+ 82	— 11
Nonresidential	"	341	422	— 19	— 10	— 3
Public Works & Utilities	"	158	374	— 58	— 40	+ 13
Distribution						
Retail Sales—Independent Stores[4]						
All Lines[w] (1935)[a]	1935–39	245	238	+ 3	— 5	— 3
All Lines[w,d] (1939)	"	244	240	+ 2	— 5	— 3
All Lines[w,f] (1939)	"	*	*	+ 11	— 5	— 3
Food (272)	1935–39	215	200	+ 7	— 7	— 3
Apparel (182)	"	247	189	+ 31	— 12	— 8
Furniture (160)	"	194	200	— 3	— 18	— 15
Lumber (157)	"	372	362	+ 3	— 10	— 12
• Dept. Store Sales (47)	"	281	249	+ 13	— 13	— 4
Dyer's & Cleaners' Sales[3] (48)	1939	262	209	+ 25	+ 3	— 1
Passgr. Car Reg. New[2] (41 cos.)	No.	20,476	22,111	— 7	+ 49	+ 32
Truck Reg. New[2] (41 cos.)	"	2,478	2,439	+ 2	— 11	— 26
Used Car Reg.[2] (33 cos.)	"	46,294	54,882	— 16	+ 18	+ 20
Living Costs (6 cities)[22]	Jan. 1939					
Placements, Unemployment and Unemployment Compensation[21]						
Placements by O.E.S.	No.	31,026	27,510	+ 13	— 14	— 21
Registered for Work with O.E.S.	"	173,498	183,645	— 6	+183	+118
Total Benefit Payments	Thous. Dol.	8,242	6,617	+ 25	+491	+214
Av. Receiving Benefits Wkly.	No.	85,346	76,941	+ 11	+353	+178
Wkly. Benefits Per Recipient	Dol.	21.08	19.46	+ 8	+ 16	+ 7
Unemployment Com. Fund	Mil. Dol.	545	553	— 1	— x	b
Employment, Pay Rolls and Earnings[8]						
Number Employed:						
• Total[w] (5247)[a]	1935–39	129	127	+ 2	— 10	— 8
• Manufacturing[w] (1718)	"	117	114	+ 3	— 14	— 11
• Trade & Pub. Util.[w] (2754)	"	122	122	+ x	— 3	— 3
• Construction (675)	"	156	158	— 1	— 12	— 14
Pay Rolls:						
• Total[w] (5247)	"	297	290	+ 2	— 10	— 6
• Manufacturing[w] (1718)	"	279	268	+ 4	— 14	— 9
• Trade & Pub. Util.[w] (2754)	"	224	224	+ x	— x	+ 3
• Construction (675)	"	310	317	— 2	— 16	— 14
[w] Man-Hours—Mfg.[w] (1699)	"	131	127	+ 3	— 15	— 14
Wage Earner Mfg.[w] (1699)	"					
Av. Hours Worked	No.	39.1	38.9	+ 1	— 1	— 3

Banking (4th Federal Reserve District)[15]

ITEM	Unit	Oct. 19 1949	Oct. 20 1948	Oct. 22 1947	Change from Last Month Amt.	Change from Last Year Pr.Ct.
Cleveland Federal Reserve Bank					$	%
U.S. Gov. Securities	Thous.Dol.	1,629,318	2,223,371	2,006,081	+47,181	— 27
Member Bank Borrowings	"	9,754	27,287	10,369	+13,076	— 64
Member Banks—4th District						
• Total Loans	Mil. Dol.	1,439	1,482	1,376	+ 22	— 3
Bus. & Agr. Loans and Open Mkt. Paper	"	825	916	803	+ 21	— 19
Brok. & "Other Secur." Loans	"	93	87	137	— 3	+ 7
Real Estate Loans	"	286	272	217	+ 2	+ 5
Other Loans	"	255	219	218	+ 5	+ 16
• Total Investments	"	3,238	2,812	2,899	+ 10	+ 15
• U.S. Gov. Obligations	"	2,867	2,466	2,577	+ 8	+ 16
Demand Deposits	"	3,153	3,030	2,946	+ 72	+ 4
Time Deposits	"	1,362	1,368	1,321	— 8	— x

• Indicates Series Charted (pages 3, 4, or 5). For Sources and Footnotes, see page 2.

Business in Ohio

OHIO EMPLOYEE GROSS EARNINGS[3]

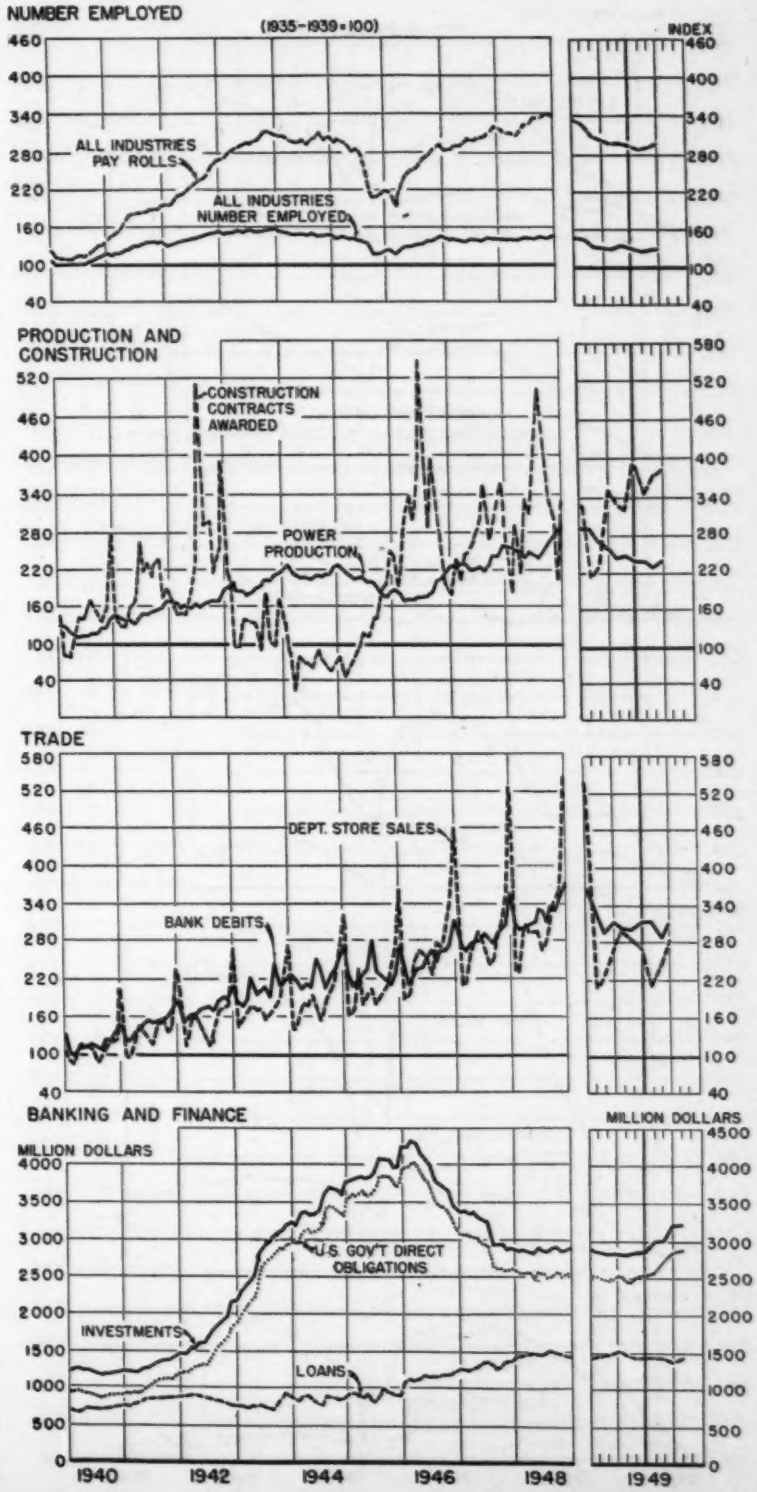
AREA (County)	September, 1949		September, 1948	
	Weekly	Hourly	Weekly	Hourly
Manufacturing:[(1)]				
Akron (67)[a]	64.63	1.72	62.62	1.69
Canton (71)	51.97	1.55	56.22	1.58
Cincinnati (298)	56.04	1.39	55.36	1.36
Cleveland (475)	61.96	1.60	63.88	1.58
Columbus (104)	55.18	1.42	55.06	1.37
Dayton (101)	69.14	1.71	65.87	1.66
Toledo (106)	65.59	1.70	66.63	1.72
Youngstown (34)	61.04	1.64	66.63	1.67
All Other Counties (684)	57.57	1.48	57.43	1.47
Total Ohio (1940)	59.44	1.52	59.67	1.51
Nonmanufacturing[(2)]				
Akron (118)	50.29	1.23	41.96	1.10
Canton (70)	44.64	1.12	40.89	1.06
Cincinnati (410)	45.68	1.13	43.47	1.07
Cleveland (339)	54.11	1.36	49.10	1.21
Columbus (245)	42.45	1.04	40.16	.98
Dayton (96)	55.79	1.25	49.17	1.12
Toledo (116)	47.67	1.24	45.33	1.19
Youngstown (82)	43.66	1.08	43.25	1.06
All Other Counties (1771)	48.80	1.23	45.54	1.14
Total Ohio (3307)	47.14	1.19	45.58	1.12
Construction:[(3)]				
Akron (34)	72.71	1.98	73.05	1.93
Canton (34)	77.71	1.96	81.67	1.89
Cincinnati (99)	69.32	1.87	75.46	1.98
Cleveland (179)	84.63	2.26	85.88	2.16
Columbus (31)	57.89	1.78	61.99	1.65
Dayton (49)	75.24	2.09	74.28	1.97
Toledo (50)	77.54	2.16	76.33	2.02
Youngstown (21)	74.23	1.90	66.69	1.85
All Other Counties (178)	66.74	1.83	b	b
Total Ohio (675)	73.69	2.01	75.19	1.94
All Industries:				
Akron (219)	59.60	1.53	56.30	1.51
Canton (175)	50.56	1.41	53.32	1.45
Cincinnati (807)	52.55	1.31	51.67	1.27
Cleveland (993)	59.55	1.52	59.08	1.46
Columbus (380)	48.47	1.23	47.85	1.19
Dayton (246)	65.00	1.56	61.04	1.49
Toledo (332)	58.42	1.52	58.96	1.53
Youngstown (137)	55.94	1.46	59.30	1.49
All Other Counties (2633)	55.05	1.41	b	b
Total Ohio (5922)	55.18	1.41	55.49	1.39

(1) Covers production workers including working foreman.
(2) Covers all employees except executives and other high-salaried employees.
(3) Covers all on-site employees except executives and other high-salaried employees.

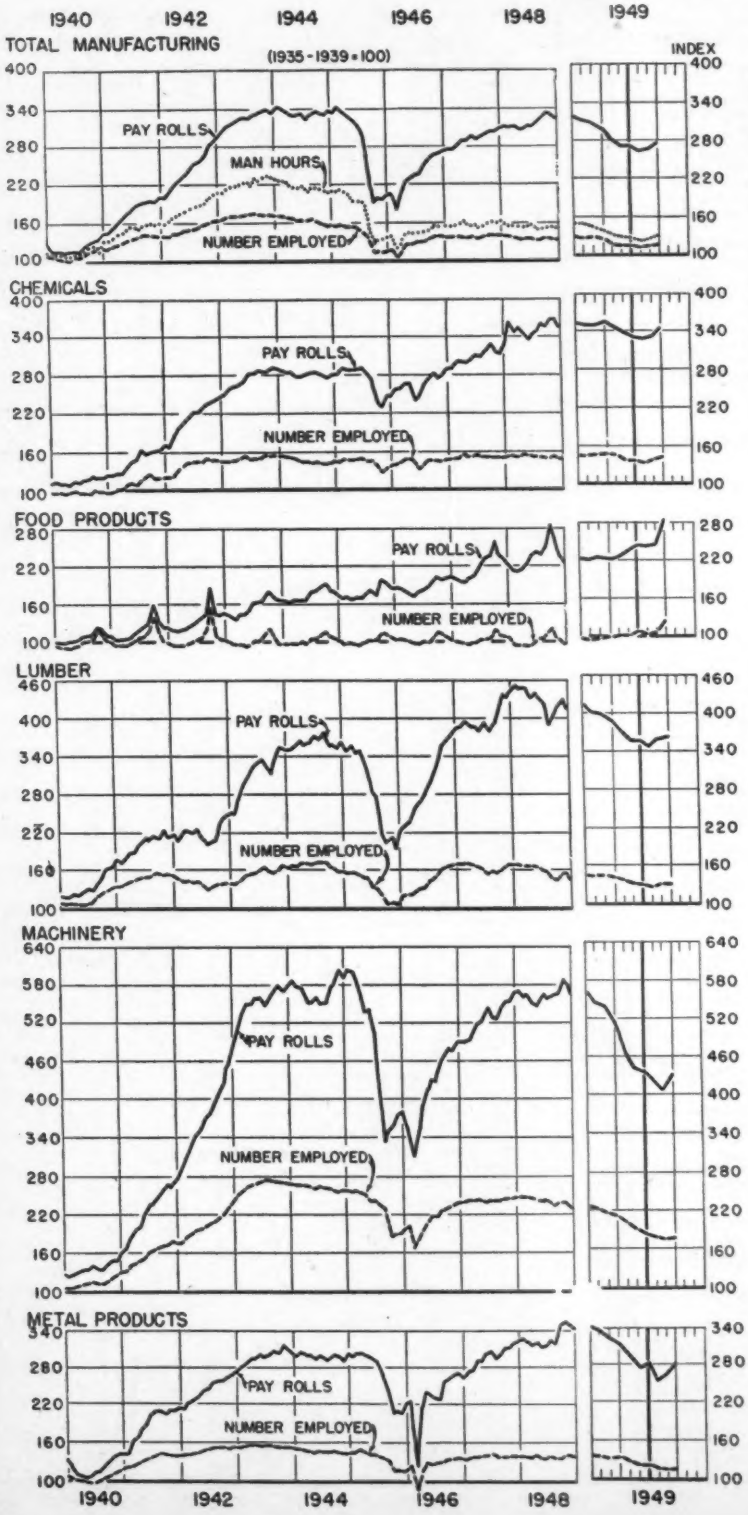
NEW AUTOMOBILE REGISTRATIONS[3]

Make of Car	7 MAJOR OHIO COUNTIES[(a)]				
	September 1949	August 1949	Change: Sept. 1949 from Aug. 1949	Change: Sept. 1949 from Sept. 1948	Percentage of Total 9 mos. 1949
	No.	No.	%	%	%
Chevrolet	3,708	4,708	— 21	+ 57	24
Ford	2,328	2,577	— 10	+ 20	15
Plymouth	1,672	1,900	— 12	+115	11
Buick	1,378	1,306	+ 6	+ 62	8
Pontiac	1,009	1,256	— 20	+ 22	7
Dodge	869	1,088	— 20	+ 76	5
Oldsmobile	787	979	— 20	+ 29	6
Chrysler	602	289	+108	+108	3
Mercury	512	559	— 8	+ 95	3
Hudson	482	553	— 13	— 27	3
Nash	314	437	— 28	+166	3
De Soto	307	307	0	+ 88	2
Packard	303	359	— 16	+ 59	2
Studebaker	301	417	— 28	+ 87	3
Cadillac	222	225	— 1	+ 4	2
Kaiser	119	188	— 37	— 53	1
Willys	88	63	+ 40	— 14	1
Lincoln	73	107	— 32	— 34	1
Crosley	26	24	+ 8	— 30	x
Frazer	22	22	0	— 80	x
Others	7	20	— 65	— 50	x
Total	15,129	17,384	— 13	+ 42	100.0

(a) Does not include Mahoning County.



Number Employed, Pay Rolls, and



Manufacturing Employment was up 3 per cent in September from August, but was 14 per cent below September 1948, and for the first 9 months of the year was 11 per cent below the same period last year. All but one of the 11 major manufacturing groups reported employment increases in September from August, but all of the groups reported declines from September 1948 and for the first 9 months of the year as compared with the same period last year.

Manufacturing Pay Rolls were up 4 per cent in September from August but were 14 per cent below September 1948, and for the first 9 months of the year were 9 per cent below the same period last year. All but 2 of the major manufacturing groups reported pay roll increases in September from August, but all but 1 group reported decreases from September 1948, and for the first 9 months of the year as compared with the same period last year.

Man-Hours Worked in manufacturing industries were up 3 per cent in September from August but were 15 per

INDUSTRIAL GROUP	Number Employed: Index 1935–39=100		Number Employed: Change			Index 1935–39=1
	Sept. 1949	Aug. 1949	Sept. 1949 from Aug. 1949	Sept. 1949 from Sept. 1948	9 mos. 1949 from 1948	
			%	%	%	
TOTAL (5247)*	129	127	+ 2	— 10	— 8	
All Manufacturing (1718)*	117	114	+ 3	— 14	— 11	
Chemicals (118)*	143	141	+ 2	— 3	— 6	
Food Products (168)	125	107	+ 17	— 3	— 1	
Bakery (42)	104	102	+ 2	+ 3	+ 1	
Miscellaneous (126)	128	104	+ 23	— 3	— 2	
Lumber Products (77)	133	131	+ 1	— 12	— 16	
Furniture (33)	121	123	— 2	— 14	— 13	
Miscellaneous (44)	113	105	+ 8	— 5	— 19	
Machinery (346)	179	175	+ 3	— 23	— 18	
Electrical Mach., Apparatus and Supplies (98)	210	202	+ 4	— 24	— 29	
Machine Tools (30)	95	103	— 8	— 38	— 26	
Material Handling and Power Machinery (10)	196	167	+ 17	— 5	+ 3	
Spec. Mach. & Appl. (208)	111	108	+ 2	— 22	— 17	
Metal Products (407)	119	117	+ 2	— 16	— 11	
Foundry Products and Drop Forgings (21)	123	124	— 1	— 16	— 7	
Pipes, Pumps, Valves and Plumbers' Supplies (11)	85	80	+ 7	— 17	— 15	
Screw Machine Products and Hardware (36)	116	117	— 1	— 23	— 16	
Sheet Metal Work (62)	124	117	+ 6	— 20	— 29	
Steel Works and Rolling Mills (52)	113	112	+ 1	— 12	— 4	
Stoves and Furnaces (22)	106	99	+ 8	— 20	— 29	
Miscellaneous (203)	144	141	+ 2	— 16	— 14	
Paper and Printing (209)	124	123	+ 1	— 7	— 5	
Paper, inc. Stationery (10)	121	120	+ 1	— 4	— 4	
Print. & Publish. (125)	135	135	— *	— 5	— 1	
Miscellaneous (74)	113	110	+ 3	— 10	— 10	
Rubber Products (32)	111	108	+ 3	— 17	— 13	
Tires and Tubes (8)	103	101	+ 2	— 20	— 13	
Miscellaneous (24)	150	145	+ 3	— 8	— 15	
Stone, Clay and Glass Products (113)	119	118	+ *	— 7	— 6	
Brick and Tile (28)	131	132	— *	— 9	— 6	
Glass (14)	105	105	+ *	— 10	— 8	
Vitreous and Semi-Vitreous China and Pottery (17)	132	129	+ 2	— 3	— 3	
Miscellanous (54)	88	88	— *	— 1	— 4	
Textiles (100)	86	85	+ 2	— 2	— 6	
Men's Clothing (35)	87	85	+ 2	— 8	— 6	
Miscellaneous (65)	79	77	+ 2	+ 2	— 7	
Vehicles (67)	126	125	+ *	— 9	— 9	
Autos and Parts (39)	114	112	+ 1	— 6	— 9	
Cars, Electric and Street Railway (4)	25	77	— 68	— 89	— 87	
Miscellaneous (24)	298	299	— *	— 9	— 5	
Miss. Manufacturing (86)	98	99	— 1	— 14	— 13	
Tot. Trade & Pub. Util. (2754)*	122	122	+ *	— 3	— 2	
Service (334)	105	106	— *	— 1	— 2	
Trade (Ret. & Whl.) (2247)	118	116	+ 1	— 6	— 3	
Transp. & Pub. Util. (123)	142	142	— *	— 2	+ 1	
Construction (675)	156	158	— 1	— 12	— 14	
Mines and Quarries (100)	*	*	+ 1	— 7	+ 1	

Indexes of Number employed and of pay rolls are based on the employ[illegible] employment of 513,185 persons in 4120 establishments. Figures in p[illegible] In some cases fewer establishments report man-hours.
For sources and footnotes, see page 2.

s, nd Man-Hours in Ohio Industry

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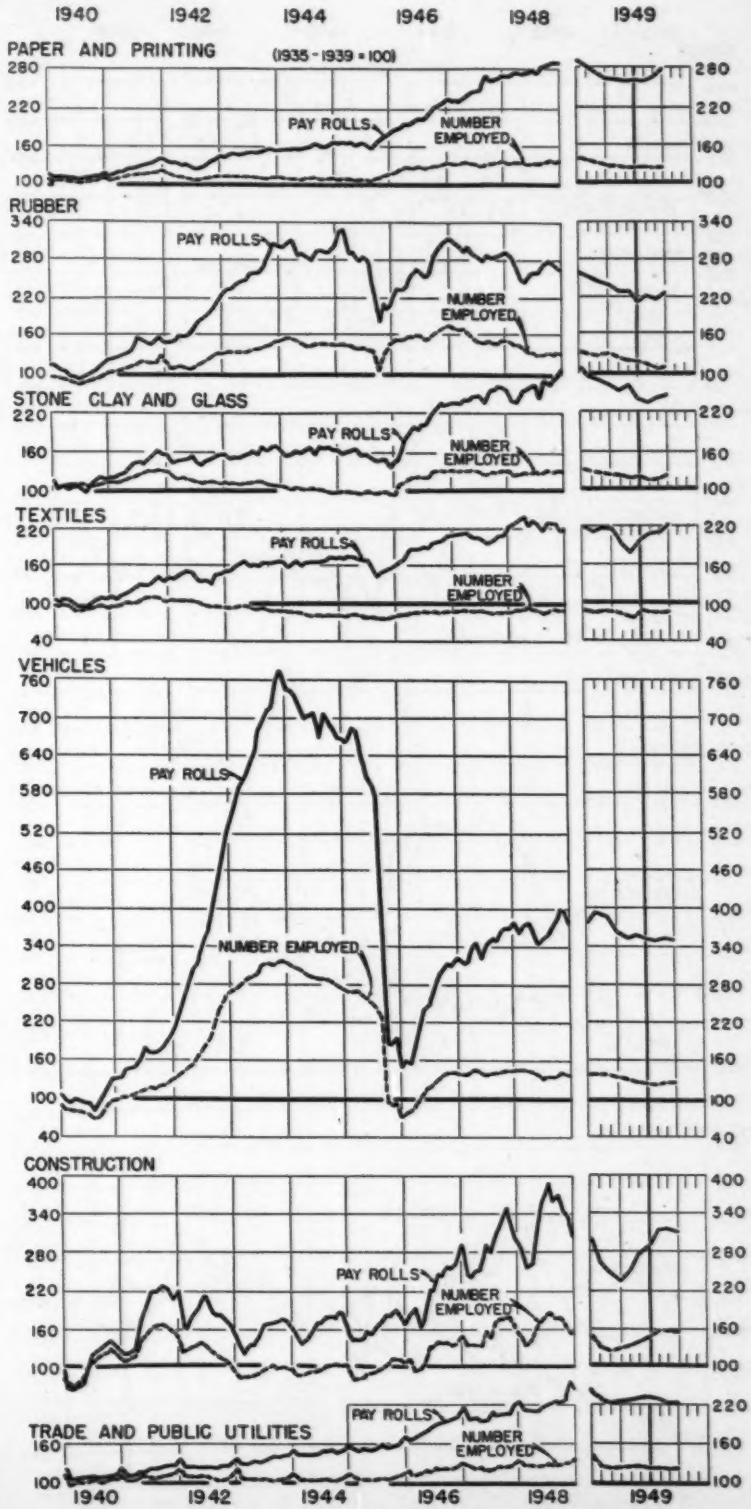
cent below September 1948, and for the first 9 months of the year were 14 per cent below last year. All but 3 of the 11 major manufacturing groups reported increases in man-hours worked in September from August, but all groups reported declines from September 1948, and for the first 9 months of the year as compared with the same period last year.

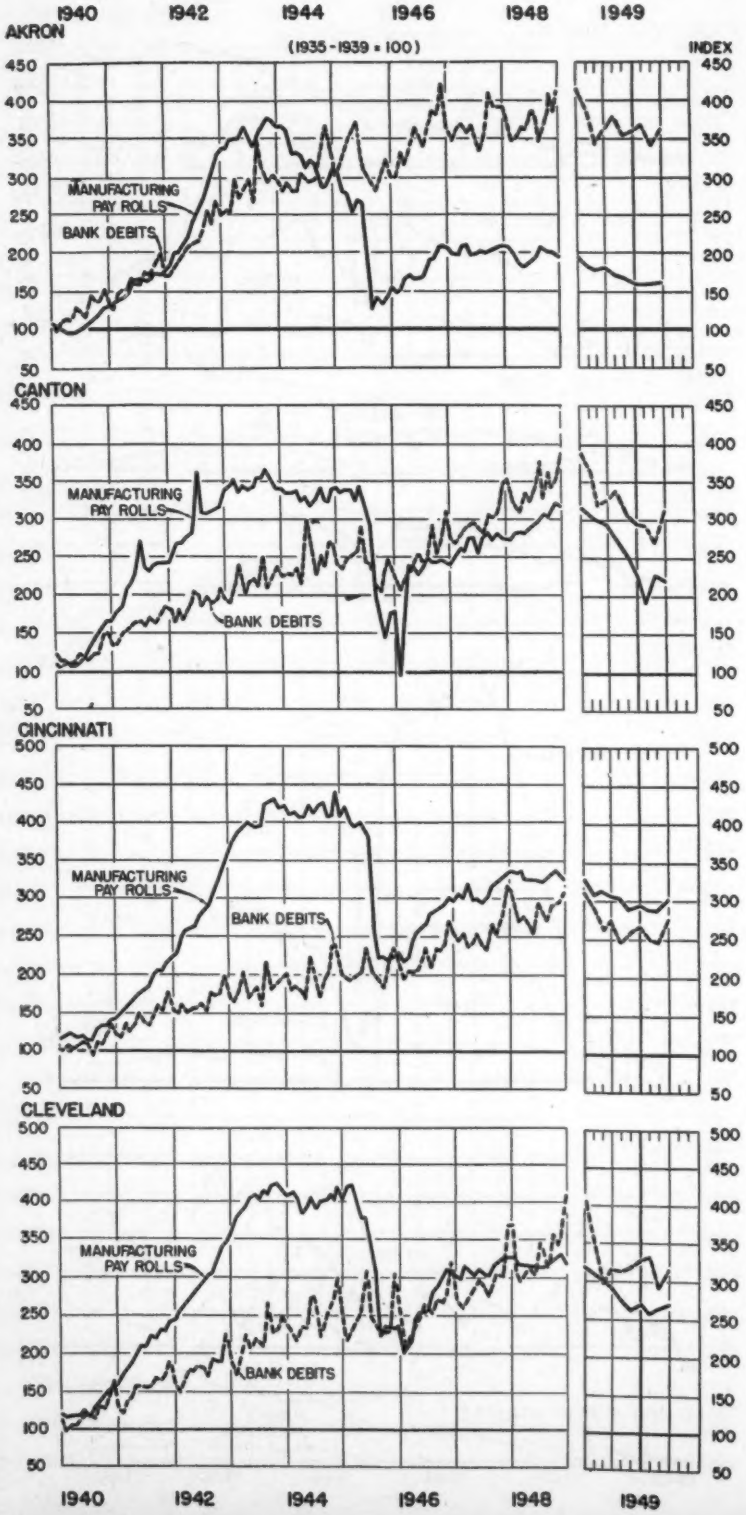
Trade and Public Utility Employment was up fractionally in September from August, but was down 3 per cent from September 1948, and 2 per cent for the first 9 months of the year as compared with last year. Pay rolls were up fractionally in September from August, but were fractionally below September 1948. For the first 9 months of the year, however, pay rolls were up from the same period last year. Man-hours dropped fractionally in September from August, 6 per cent from September 1948, and 5 per cent for the first 9 months of the year as compared with last year.

			Pay Rolls[5]					Man-Hours[5]				
			Index 1935-39=100		Change			Index 1935-39=100		Change		
	9 mos. 1949 from 1948	Sept. 1949	Aug. 1949	Sept. 1949 from Aug. 1949	Sept. 1949 from Sept. 1948	9 mos. 1949 from 1948	Sept. 1949	Aug. 1949	Sept. 1949 from Aug. 1949	Sept. 1949 from Sept. 1948	9 mos. 1949 from 1948
	%			%	%	%			%	%	%
	— 8	7	290	+ 2	— 10	— 6	*	*	+ 2	— 12	— 10
	— 11	6	268	+ 4	— 14	— 9	131	127	+ 3	— 15	— 14
	— 6	8	333	+ 4	— 3	— 2	150	146	+ 3	— 5	— 8
	— 1	4	246	+ 16	+ 1	+ 1	124	103	+ 20	— 4	— 4
	+ 1	2	256	+ 3	+ 7	+ 8	118	116	+ 2	+ 3	+ 1
	— 2	1	234	+ 20	— x	— x	116	91	+ 27	+ 5	— 6
	— 16	4	360	+ 1	— 11	— 13	146	144	+ 1	— 11	— 17
	— 13	6	392	— 3	— 14	— 11	136	141	— 3	— 16	— 14
	— 19	2	197	+ 13	+ 1	— 16	109	97	+ 13	— 1	— 21
	— 13	4	419	+ 4	— 23	— 16	186	181	+ 2	— 24	— 20
	— 29	3	469	+ 4	— 26	— 18	221	215	+ 3	— 24	— 20
	— 26	1	190	— 8	— 44	— 30	82	90	— 9	— 46	— 33
	+ 3	4	449	+ 24	— 5	+ 14	228	190	+ 20	— 5	+ 8
	— 17	4	274	+ 4	— 19	— 14	105	102	+ 3	— 21	— 19
	— 11	0	267	+ 5	— 19	— 9	128	125	+ 3	— 19	— 15
	— 7	1	272	— 8	— 27	— 6	117	128	— 8	— 26	— 11
	— 15	0	179	+ 8	— 23	— 16	82	76	+ 8	— 23	— 21
	— 16	6	258	— 1	— 28	— 19	118	119	— 1	— 27	— 22
	— 20	8	324	+ 4	— 19	— 19	143	136	+ 5	— 19	— 23
	— 4	0	258	+ 5	— 17	— 1	124	123	+ 1	— 16	— 8
	— 29	5	234	+ 9	— 24	— 32	106	102	+ 4	— 27	— 35
	— 14	3	292	+ 7	— 15	— 13	153	143	+ 7	— 16	— 18
	— 5	3	266	+ 5	— 2	— 3	135	132	+ 2	— x	— 5
	— 4	0	300	— x	— 9	— 10	135	136	— 1	— 8	— 11
	— 1	3	277	+ 4	— x	+ 2	151	150	+ 1	+ 7	+ x
	— 10	5	265	+ 8	— 2	— 5	120	115	+ 5	— 7	— 9
	— 13	5	219	+ 4	— 19	— 13	131	132	— 1	— 20	— 16
	— 13	0	199	+ 5	— 23	— 14	126	127	— 1	— 25	— 18
	— 15	7	348	— x	— 2	— 8	140	142	— 2	— 5	— 13
	— 6	7	247	— x	— 6	— 1	103	103	— 1	— 9	— 7
	— 6	5	314	— x	— 10	— 3	137	137	+ 1	— 10	— 9
	— 8	6	253	+ 4	— 4	+ 2	97	95	+ 2	— 10	— 6
	— 3	3	294	— 4	— 7	+ x	79	83	— 5	— 11	— 5
	— 4	2	173	— 3	+ x	— 5	80	82	— 2	— x	— 9
	— 6	2	210	+ 6	— 1	— 9	94	90	+ 5	— 3	— 12
	— 6	3	194	+ 15	— 13	— 14	104	94	+ 11	— 11	— 14
	— 7	3	222	+ 1	+ 6	— 7	87	86	+ 1	+ 2	— 11
	— 9	3	353	— 1	— 10	— 3	147	147	— x	— 9	— 8
	— 9	7	322	— 1	— 6	— 2	132	132	— x	— 6	— 8
	— 27	3	106	— 69	— 89	— 35	25	79	— 68	— 88	— 38
	— 5	3	344	+ 4	— 14	— 2	317	313	+ 1	— 14	— 6
	— 12	2	210	+ 3	— 14	— 11	134	133	+ 1	— 18	— 16
	— 2	2	224	+ x	— x	+ 3	116	116	— x	— 6	— 5
	— 2	2	154	+ 1	+ 1	+ 3	90	90	+ 1	— 7	— 9
	— 3	2	216	— x	— 1	+ 2	116	116	— x	— 7	— 5
	+ 1	2	230	+ 1	+ 1	+ 4	157	158	— 1	— 6	— 2
	— 14	2	317	— 2	— 16	— 14	*	*	— 3	— 15	— 15
	+ 1	7	*	+ 8	— 26	— 5	*	*	+ 4	— 25	— 10

he employ 544,859 persons in 5247 establishments; indexes of man-hours, on the ures in p s show number of establishments reporting employment and payroll.



Business Conditions in



AKRON

Employment and pay rolls were generally up from August 1949, and down from September 1948, the only exception being in the trade and public utilities group where employment increased 5 per cent and pay rolls 7 per cent from September 1948.

Bank debits increased 6 per cent from August 1949 but decreased 4 per cent from September 1948. Retail sales increased 5 per cent from August and decreased 11 per cent from September 1948. Industrial power consumption was 17 per cent above August and 21 per cent below September 1948.

CANTON

Total employment increased 2 per cent from August 1949, while it decreased 16 per cent from September 1948. There was a 1 per cent increase in manufacturing employment from August but a 22 per cent decrease from September a year ago. Nonmanufacturing employment increased 2 per cent from August and fractionally from September 1948. Total pay rolls in September fell 3 per cent below August and 21 per cent below September of last year. Retail sales in September were 5 per cent below the previous month and decreased 13 per cent from September 1948. Bank debits showed an increase of 16 per cent over August but decreased 13 per cent from September of last year.

CINCINNATI

There was a general increase in employment from August 1949, and a decrease from September 1948, except in the case of construction where employment decreased 2 per cent from August and increased 5 per cent from September 1948. Total pay rolls decreased fractionally from the previous month in September and were 9 per cent below September of last year.

Bank debits in September were 12 per cent above August, but 5 per cent below September 1948. Retail sales were also up from August and down from September a year ago, 7 per cent and 12 per cent, respectively. There was an increase of 2 per cent from August in the retail food price index, and a decrease of 6 per cent from September 1948.

CLEVELAND

There was no change in September total employment from August but it was down 10 per cent from September 1948. Manufacturing and nonmanufacturing employment increased fractionally from August 1949, and decreased from September of last year, 14 per cent and 2 per cent, respectively. Total pay rolls increased 1 per cent from August and decreased 9 per cent from September 1948.

Bank debits for September were 8 per cent above August and 12 per cent below September of last year. Retail sales were 2 per cent greater than in August, but 7 per cent less than in September 1948. There was a fractional increase in the retail food price index from August, but a decrease of 6 per cent from September 1948.

The steel industry operated at 96 per cent of capacity, dropping 3 points from August, and increasing 2 points from September a year ago.

ITEM — Unit or Index — Base Period	Sept. 1949	Aug. 1949	Change from Last Month: Sept. 1949 from Aug. 1949	Change from Last Year: Sept. 1949 from Sept. 1948	Change from Last Year: 9 mos. 1949 from 1948
AKRON					
			%	%	%
Number Employed:[2,z]					
Total[w] (219)[a] *1935–39*	102	100	+ 2	— 9	— 3
All Manufacturing (67)[a] ..... "	87	86	+ 2	— 16	— 11
Trade & Pub. Util. (118)[a] ..... "	139	137	+ 1	+ 5	+ 15
Construction (34)[a] ..... "	108	100	+ 9	— 10	— 14
• Pay Rolls:[2z] Total[w] (219)[a] ..... "	205	194	+ 6	— 4	— 2
All Manufacturing (67)[a] ..... "	163	158	+ 3	— 19	— 12
Trade & Pub. Util. (118)[a] ..... "	265	262	+ 1	+ 7	+ 12
Construction (34)[a] ..... "	345	326	+ 6	— 12	— 9
Ret. Sales—Independent Stores[4] (98)[a''] %	e	e	+ 5	— 11	— 2
Auto Registrations:[2,z] New Cars ..... *No.*	1,470	1,642	— 10	+ 51	+ 25
" " New Trucks ... "	150	143	+ 5	— 20	— 27
Cost of Living[20] ..... *Jan. 1939*					
• Bank Debits Index[2,f] *1935–39*	364	343	+ 6	— 4	— 1
Commercial Failures[12] ..... *No.*	4	0	+ 4†	+ 4†	+ 22†
" Liabilities[12] ..... *Thous. Dol.*	84	0	+ 3	+ 3	— 2
Indus. Power Consump. Index[1,f] . *1935–39*	323	276	+ 17	— 21	— 13
Val. Bldg. Permits[2,f]—Total[b] ..... "	920	803	+ 15	+ 12	— 25
Residential ..... "	1,354	1,430	— 5	+ 50	— 18
Nonresidential ..... "	812	337	+141	+ 1	— 34
CANTON					
Number Employed:[2,z]					
Total[w] (175)[a] *1935–39*	135	133	+ 2	— 16	— 6
All Manufacturing (71)[a] ..... "	137	136	+ 1	— 22	— 11
Trade & Pub. Util. (70)[a] ..... "	128	125	+ 2	+ x	+ 2
Construction (34)[a] ..... "	145	143	+ 2	— 35	+ 8
• Pay Rolls:[2z] Total[w] (175)[a] ..... "	244	251	— 3	— 21	— 5
All Manufacturing (71)[a] ..... "	220	229	— 4	— 27	— 9
Trade & Pub. Util. (70)[a] ..... "	291	287	+ 1	+ 3	+ 4
Construction (34)[a] ..... "	309	293	+ 5	— 29	+ 24
Ret. Sales—Independent Stores[4] (24)[a''] %	e	e	— 5	— 13	— 3
Auto Registrations:[2,z] New Cars ..... *No.*	883	1,042	— 15	+ 47	+ 26
" " New Trucks ... "	105	101	+ 4	— 3	— 16
• Bank Debits Index[2,f] *1935–39*	314	270	+ 16	— 13	— 4
Commercial Failures[12] ..... *No.*	4	2	+ 2†	+ 4†	+ 5†
" Liabilities[12] ..... *Thous. Dol*	63	17	+271	+ y	+ y
Val. Bldg. Permits[2,f] Total[b] *1935–39*	506	384	+ 32	+ 2	+ 1
Residential ..... "	648	577	+ 12	— 14	+ 9
Nonresidential ..... "	598	281	+113	+ 31	— 20
CINCINNATI					
Number Employed:[2,z]					
Total[w] (807)[a] *1935–39*	110	108	+ 1	— 11	— 10
All Manufacturing (298)[a] ..... "	126	124	+ 2	— 15	— 13
Trade & Pub. Util. (410)[a] ..... "	94	94	+ 1	— 8	— 8
Construction (99)[a] ..... "	114	116	— 2	+ 5	— 6
• Pay Rills:[2z] Total[w] (807)[a] ..... "	240	240	— x	— 9	— 8
All Manufacturing (298)[a] ..... "	301	288	+ 5	— 10	— 10
Trade & Pub. Util. (410)[a] ..... "	198	196	+ 1	— 4	— 4
Construction (99)[a] ..... "	229	241	— 5	— 5	— 6
Ret. Sales—Independent Stores[4] (238)[a''] %	e	e	+ 7	— 12	— 5
Auto Registrations:[2,z] New Cars ..... *No.*	2738	2945	— 7	+ 51	+ 27
" " New Trucks ... "	334	335	— x	0	— 29
Cost of Living[20] ..... *Jan. 1939*					
Retail Food Price Index[18] *1935–39*	205	202	+ 2	— 6	— 5
• Bank Debits Index[2,f] *1935–39*	275	246	+ 12	— 5	— 4
Commercial Failures[12] ..... *No.*	2	2	0†	— 2†	+ 14†
" Liabilities[12] ..... *Thous. Dol.*	39	54	— 28	— 97	— 28
Val. Bldg. Permits[2,f] Total[b] *1935–39*	227	298	— 24	+ 5	— 23
Residential ..... "	144	152	— 6	— 24	— 36
Nonresidential ..... "	148	377	— 61	+ 66	— 20
Steel Ind. Oper. Rate[13] 4 *Wks. Av. % Cap.*	95	92	+ 3	— 7	+ 1
CLEVELAND					
Number Employed:[2,z]					
Total[w] (993)[a] *1935–39*	126	126	0	— 10	— 8
All Manufacturing (475)[a] ..... "	123	122	+ x	— 14	— 12
Trade & Pub. Util. (339)[a] ..... "	121	121	+ x	— 2	+ 1
Construction (179)[a] ..... "	419	430	— 3	— 26	— 25
• Pay Rolls:[2z] Total[w] (993)[a] ..... "	282	279	+ 1	— 9	— 4
All Manufacturing (475)[a] ..... "	271	268	+ 1	— 17	— 12
Trade & Pub. Util. (339)[a] ..... "	239	238	+ x	+ 1	+ 5
Construction (179)[a] ..... "	492	508	— 3	— 28	— 25
Ret. Sales—Independent Stores[4] (237)[a''] %	e	e	+ 2	— 7	— x
Auto Registrations:[2,z] New Cars ..... *No.*	5207	6300	— 17	+ 33	+ 30
" " New Trucks ... "	436	439	— 1	— 39	— 37
Cost of Living[20] ..... *Jan. 1939*					
Retail Food Price Index[18] *1935–39*	211	210	+ x	— 6	— 4
• Bank Debits Index[2,f] *1935–39*	316	291	+ 8	— 12	— 1
Commercial Failures[12] ..... *No.*	12	11	+ 1†	+ 11†	+ 47†
" Liabilities[12] ..... *Thous. Dol.*	1381	326	+324	+ y	+409
Val. Bldg. Permits[2,f] Total[b] *1935–39*	378	564	— 33	— 12	— 6
Residential ..... "	416	856	— 51	—132	+ 68
Nonresidential ..... "	536	387	+ 38	— 50	— 36
Steel Ind. Oper. Rate[13] 4 *Wks. Av. % Cap.*	96	99	— 3	+ 2	+ 2

• Indicates Series Charted (Page 6). For Sources and Footnotes, see Page 2.

ITEM — Unit or Index — Base Period	Sept. 1949	Aug. 1949	Change from Last Month: Sept. 1949 from Aug. 1949	Change from Last Year: Sept. 1949 from Sept. 1948	Change from Last Year: 9 mos. 1949 from 1948
COLUMBUS					
			%	%	%
Number Employed:[5,g]					
Total[w] (380)[a] *1935–39*	125	126	— 1	— 9	— 3
All Manufacturing (104)[a] ..... "	118	121	— 3	— 15	— 8
Trade & Pub. Util. (245)[a] ..... "	122	122	+ 1	— 5	— 1
Construction (31)[a] ..... "	199	209	— 4	— 7	+ 14
• Pay Rolls:[5g] Total[w] (380)[a] ..... "	279	285	— 2	— 8	+ 1
All Manufacturing (104)[a] ..... "	336	351	— 4	— 16	— 6
Trade & Pub. Util. (245)[a] ..... "	226	232	— 2	— 4	+ 4
Construction (31)[a] ..... "	421	491	— 14	— 13	+ 24
Ret. Sales—Independent Stores[4] (158)[a''] %	e	e	+ 7	— 2	+ 2
Auto Registrations:[2,g] New Cars .....*No.*	1764	1922	— 8	+ 58	+ 37
" " New Trucks ... "	222	205	+ 8	— 21	— 27
Retail Food Price Index[10] *1935–39*	188	186	+ 1	— 6	— 4
• Bank Debits Index[2,f] *1935–39*	328	318	+ 3	+ 1	+ 3
Commercial Failures[12] .....*No.*	5	4	+ 1†	+ 4†	+ 39†
" Liabilities[12] .....*Thous. Dol.*	131	38	+245	+ y	+476
Val. Bldg. Permits[2,f] Total[b] *1935–39*	316	396	— 20	— 39	+ 23
Nonresidential ..... "	377	477	— 21	— 16	+ 42
Residential ..... "	140	277	— 50	— 83	+ 95
DAYTON					
Number Employed:[5,g]					
Total[w] (246)[a] *1935–39*	135	131	+ 3	— 12	— 12
All Manufacturing (101)[a] ..... "	143	137	+ 4	— 15	— 16
Trade & Pub. Util. (96)[a] ..... "	134	133	+ 1	— 6	— 5
Construction (49)[a] ..... "	93	89	+ 4	— 8	— 3
• Pay Rolls:[5g] Total[w] (246)[a] ..... "	379	360	+ 6	— 6	— 6
All Manufacturing (101)[a] ..... "	417	395	+ 6	— 11	— 12
Trade & Pub. Util. (96)[a] ..... "	301	298	+ 1	— 2	+ 1
Construction (49)[a] ..... "	314	303	+ 4	— 5	+ 2
Ret. Sales—Independent Stores[4] (36)[a''] %	e	e	+ 4	— 18	— 14
Auto Registrations:[2,g] New Cars .....*No.*	1571	1929	— 19	+ 39	+ 34
" " New Trucks ... "	209	173	+ 21	+ 12	— 27
Cost of Living[20] .....*Jan. 1939*					
• Bank Debits Index[2,f] *1935–39*	357	321	+ 11	— 4	— 4
Commercial Failures[12] .....*No.*	4	4	0†	+ 3†	+ 17†
" Liabilities[12] .....*Thous. Dol.*	103	171	— 40	+ y	— 54
Indus. Power Consump. Index[1,f] .*1935–39*	298	287	+ 4	— 12	— 1
Val. Bldg. Permits[2,f]—Total[b] ..... "	419	553	— 24	— 8	+ 13
Residential ..... "	935	658	+ 42	+ 81	+ 2
Nonresidential ..... "	113	504	— 78	— 72	+ 9
TOLEDO					
Number Employed:[5,g]					
Total[w] (332)[a] *1935–39*	94	94	+ x	— 16	— 11
All Manufacturing (106)[a] ..... "	92	92	+ 1	— 24	— 18
Trade & Pub. Util. (176)[a] ..... "	96	95	+ 1	— 5	— 2
Construction (50)[a] ..... "	110	119	— 7	— 15	— 26
• Pay Rolls:[5g] Total[w] (332)[a] ..... "	192	196	— 2	— 17	— 6
All Manufacturing (106)[a] ..... "	184	179	+ 2	— 25	— 13
Trade & Pub. Util. (176)[a] ..... "	185	189	— 2	— 2	+ x
Construction (50)[a] ..... "	213	235	— 9	— 16	— 27
Ret. Sales—Independent Stores[4] (127)[a''] %	e	e	+ 12	— 2	— 4
Auto Registrations:[2,g] New Cars .....*No.*	1496	1604	— 7	+ 38	+ 23
" " New Trucks ... "	175	133	+ 32	— 13	— 22
Cost of Living[20] .....*Jan. 1939*					
• Bank Debits Index[2,f] *1935–39*	276	249	+ 11	— 13	— 9
Commercial Failures[12] .....*No.*	2	5	— 3†	+ 1†	+ 22†
" Liabilities[12] .....*Thous. Dol.*	16	102	— 84	+300	+213
Indus. Power Consump. Index[1,f] .*1935–39*	250	246	+ 2	— 8	— 1
Val. Bldg. Permits[2,f]—Total[b] ..... "	594	495	+ 20	+112	— 12
Residential ..... "	539	411	+ 31	+127	+ 19
Nonresidential ..... "	755	693	+ 9	+144	— 21
YOUNGSTOWN					
Number Employed:[5,g]					
Total[w] (137)[a] *1935–39*	119	119	+ x	— 10	— 5
All Manufacturing (34)[a] ..... "	135	133	+ 2	— 6	— 2
Trade & Pub. Util. (82)[a] ..... "	119	121	— 1	— 11	— 7
Construction (21)[a] ..... "	27	31	— 14	— 59	— 47
• Pay Rolls:[5g] Total[w] (137)[a] ..... "	253	245	+ 3	— 15	— 4
All Manufacturing (34)[a] ..... "	299	284	+ 5	— 11	+ 2
Trade & Pub. Util. (82)[a] ..... "	259	262	— 1	— 3	+ 3
Construction (21)[a] ..... "	111	113	— 2	— 19	— 27
Ret. Sales—Independent Stores[4] (125)[a''] %	e	e	+ 2	— 12	— 5
Auto Registrations:[2,g] New Cars .....*No.*	b	b	b	b	b
" " New Trucks ... "	b	b	b	b	b
Cost of Living[20] .....*Jan. 1939*					
• Bank Debits Index[2,f] *1935–39*	361	297	+ 22	+ 2	— 3
Commercial Failures[12] .....*No.*	1	0	+ 1†	+ 1†	+ 9†
" Liabilities[12] .....*Thous. Dol.*	8	0	+ y	+ y	+ y
Indus. Power Consump. Index[1,f] .*1935–39*	239	203	+ 18	— 1	+ 7
Val. Bldg. Permits[2,f]—Total[b] ..... "	543	561	— 3	+235	+ 16
Residential ..... "	277	352	— 21	+ 96	+ 48
Nonresidential ..... "	1047	943	+ 11	+380	+ 10
Steel Ind. Oper. Rate[13] *4 Wks. Av. % Cap.*	94	90	+ 5	— 8	— 1

• Indicates Series Charted (Page 7). For Sources and Footnotes, see Page 2.

the Chief Ohio Cities

COLUMBUS

Employment and pay rolls were generally down in September from August 1949, and from September 1948, the one exception being in the trade and public utilities group where employment increased 1 per cent from August.

September retail sales increased 7 per cent from August, decreased 2 per cent from September 1948, and sales for the first 9 months of 1949 increased 2 per cent from the same period of 1948. Bank debits increased 3 per cent from August and 1 per cent from September of last year. The retail food price index was 1 per cent above August, and 6 per cent below September 1948.

DAYTON

Total employment for September increased 3 per cent from August, and decreased 12 per cent from September 1948. Similarly, total pay rolls were up from August 6 per cent and down from September 1948 the same amount. All components of employment and pay rolls had similar changes.

Retail sales for September increased 4 per cent from August and decreased 18 per cent from September 1948. Bank debits were up 11 per cent from August and down 4 per cent from September a year ago. Industrial power consumption showed an increase from August of 4 per cent, and a decrease from September 1948 of 12 per cent.

TOLEDO

Total employment for September increased fractionally from August but decreased 16 per cent from September 1948. Manufacturing and nonmanufacturing employment increased 1 per cent from August, but decreased from September 1948, 24 per cent and 5 per cent, respectively. Total pay rolls for September decreased 2 per cent from August and 17 per cent from September 1948.

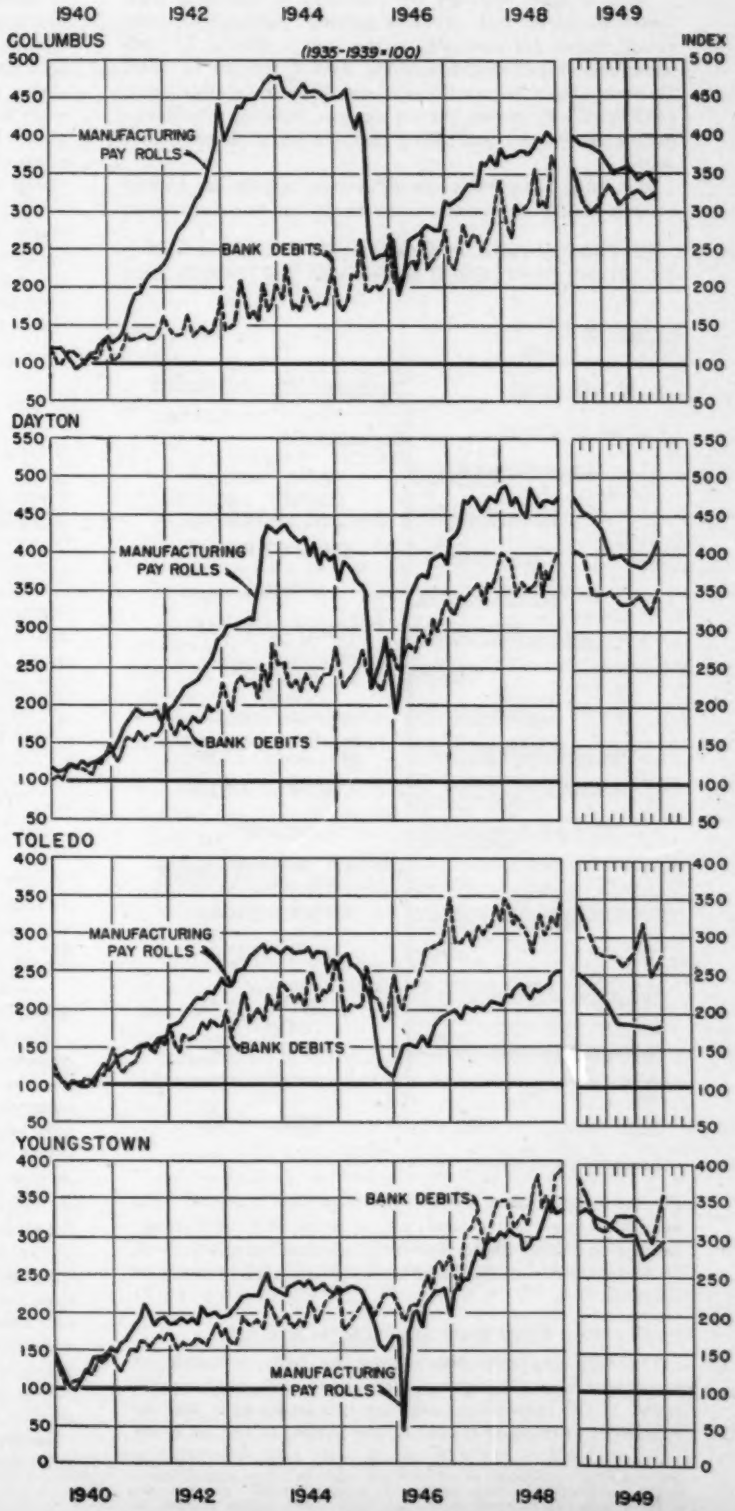
Retail sales in September were 12 per cent above August sales, but 2 per cent below those of September 1948. Bank debits increased 11 per cent from the previous month of August, and decreased 13 per cent from September 1948. There was a 2 per cent increase in September industrial power consumption from August but an 8 per cent decrease from September of last year.

YOUNGSTOWN

Total employment for September was a fraction above August, and 10 per cent below September 1948. Manufacturing employment increased 2 per cent from August, but decreased 6 per cent from September a year ago. Nonmanufacturing employment decreased 1 per cent from August, and 11 per cent from September 1948. Total pay rolls for September were 3 per cent above August and 15 per cent below September of last year.

September retail sales increased 2 per cent from August, but decreased 12 per cent from September 1948. Bank debits were 22 per cent above August, and 2 per cent above September 1948.

The steel industry operated at 94 per cent of capacity in September, an increase of 5 points over August, but a decrease of 8 points from September 1948.

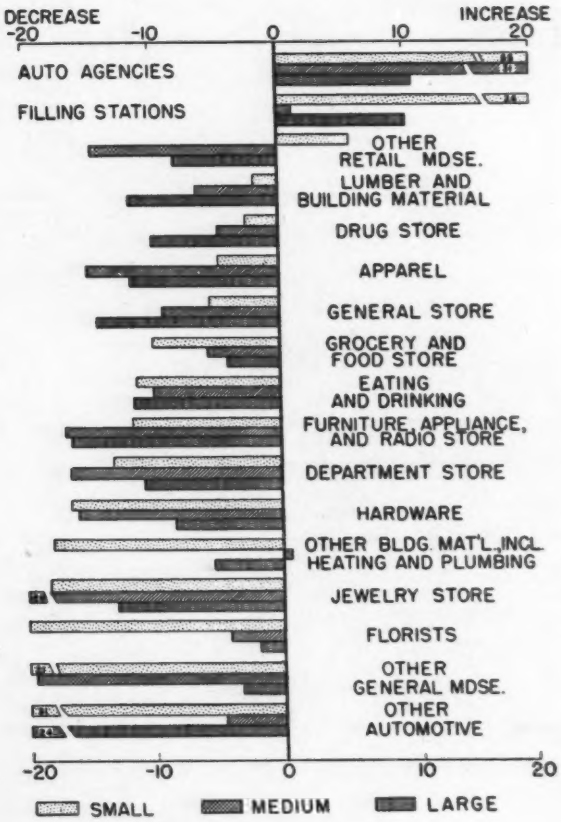


CHANGES IN SALES OF OHIO RETAILERS BY SIZE OF STORE

Sales of Ohio retailers are currently at relatively high levels compared with previous periods. Sales of all Ohio retail stores, for example, in the first 9 months of 1949 were only 3 per cent below the first 9 months of 1948. However, sales in most lines have been in decline from 1948 with only motor vehicle dealers, heating, plumbing-equipment dealers, and filling stations going ahead of last year.

Not only have sales trends varied widely as among various kinds of business—the variation has been even greater when stores are classified by size of store.[1] The accompanying tables and chart show the percentage change in sales, September 1949, from September 1948, by small, medium, and large stores in each of 17 kinds of business.

PER CENT CHANGE IN OHIO RETAIL SALES, BY SIZE OF STORE, SEPTEMBER 1949 FROM SEPTEMBER 1948



Source: Accompanying Table

Small versus Large Store Sales Trends Mixed

The only generalization about the relative trends of small store sales compared with large and medium size stores in the respective lines that can be made is that no consistent pattern of trends exists. Thus, of the 17 kinds of business, in 7, small stores had decreases greater than the large stores; in 8, small stores had decreases smaller (or increases greater) than the large stores; and in each of 2 kinds of business, the small, large, and medium size stores had about the same percentage decreases. Moreover, there appears to be no logical relationship or association of the store types in either the group in which small store sales decreased more than the large stores, or the group in which small store sales decreased less. Both groups include convenience, shopping and specialty goods stores, stores in a variety of locations, and stores selling durable and non-durable consumer goods. Apparently, the sales trends by size of store are separate and unique in each kind of business and are in response to factors peculiar to the respective kinds of business.

[1] The store size classifications used for this article are necessarily arbitrarily set. However, an attempt was made to fit the classifications to the realities of the trade so that, in general, "small" stores in the different lines will be small in relation to the usual volume attained in the respective lines. See footnote to table for size classification used.

Percentage Changes in Sales of Ohio Retailers[1]
By Size of Store, By Kind of Business
September 1949 from September 1948

Kind of Business	All Stores	Store Size[2]		
		Small	Medium	Large
Grocery and other Food Stores	— 4.5	— 9.9	— 5.5	— 4.0
Eating and Drinking	—11.6	—11.5	—10.1	—12.3
General Stores	—12.0	— 5.9	— 9.1	—14.0
Department Stores	—11.5	—12.6	—17.2	—11.2
Other General Merchandise Stores	— 6.7	—21.1	—19.5	— 3.5
Apparel Stores	—11.8	— 4.6	—14.6	—11.7
Furniture-Appliance-Radio Stores	—16.6	—12.1	—17.4	—16.5
Lumber and Building Materials Dealers	—10.4	— 2.0	— 6.8	—11.9
Other Bldg. Materials (including Heating and Plumbing)	— 5.1	—18.2	+ 0.9	— 5.5
Hardware Stores	— 8.9	—16.8	—16.0	— 7.7
Auto Agencies	+19.5	+54.6	+31.1	+10.5
Other Automotive Establishments	—22.5	—30.7	— 3.8	—24.0
Filling Stations	+ 7.9	+24.4	+ 2.1	+10.1
Drug Stores	— 6.9	— 2.7	— 5.1	—10.0
Jewelry Stores	—16.5	—18.5	—26.1	—13.0
Florists	— 4.7	—20.2	— 3.5	— 2.2
Other Retail Stores	— 8.6	+ 5.9	—14.0	— 8.4

[1] Includes only firms having one establishment.
[2] For all kinds of business except those noted below, the size classifications, based on 1948 annual sales (estimated as 12 times September 1948 sales) are:

	Small	*Medium*	*Large*
	$0–$ 59,999	$ 60,000–$ 119,999	$ 120,000 and over
Departments Stores:	0– 599,999	600,000– 3,599,999	3,600,000 and over
Lumber and Building Material Dealers and Furniture Group:	0– 119,999	120,000– 599,999	600,00 and over
Automobile Agencies:	0– 359,999	360,000– 1,199,999	1,200,000 and over

Source: Special tabulation by Bureau of Business Research of data collected from Ohio retail stores in cooperation with the U. S. Department of Commerce, Bureau of the Census, Business Division.

Small Store Decreases Greater

The store types in which small stores had sales decreases greater than those of the large stores include: grocery and other food stores, general merchandise stores other than department stores, hardware stores, automotive establishments for other than automobile agencies, other building material, jewelry stores, and florists. The largest disparity in the small-store-large-store sales trends in this group occurred in the case of florists.

Small Store Decreases Smaller

The store types and the groups in which September 1948 to September 1949 sales declined less for small stores than for large stores were: general stores, apparel stores, furniture stores, lumber materials and dealers, drug stores, and "other" retail establishments. Also included in this group should be automobile agencies and filling stations in which stores of all sizes had sales increases, with the smaller stores having the larger increases.

In department stores and restaurants, the differences in the sales trends by size of store were quite small.

James C. Yocum
Sam Arnold